

What is claimed is:

1. A composite powder comprising a flaky substrate powder and barium sulfate particles or zinc oxide particles that adhere, in protrusions, to the surface of said substrate powder.
2. The composite powder according to claim 1, wherein said substrate powder generates interference colors.
3. The composite powder according to claim 2, wherein said substrate powder is titanated mica.
4. The composite powder according to claim 3, wherein barium sulfate particles or zinc oxide particles, which adhere to the surface of said substrate powder, have approximately uniform particle diameters.
5. The composite powder according to claim 4, wherein said barium sulfate particles or zinc oxide particles adhere to the surface of said substrate powder so that the distance between the particles is approximately uniform.
6. The composite powder according to claim 1, wherein the adhesion rate of barium sulfate particles or zinc oxide particles to said substrate is 15–100 weight %.
7. The composite powder according to claim 1, wherein particles adhering to the surface of said substrate are barium sulfate particles.
8. The composite powder according to claim 7, wherein the coverage with barium sulfate particles is 10–70% with respect to the surface area of said substrate powder.
9. The composite powder according to claim 7, wherein said barium sulfate particles are flaky, and said barium sulfate particles adhere to the surface of the substrate powder by contacting at the peripheral points of the flakes and adhere at a certain angle with respect to the surface of the substrate powder.
10. The composite powder according to claim 9, wherein said barium sulfate particles are approximately square flakes, and said barium sulfate particles adhere to the surface of the substrate powder by contacting at the peripheral points of the flakes and adhere at a certain angle with respect to the surface of the substrate powder.
11. The composite powder according to claim 7, wherein said barium sulfate particles are spherical, and the number average particle diameter of said particles is 0.5–5.0 μm .

12. The composite powder according to claim 1, wherein particles adhering to the surface of said substrate are zinc oxide particles.
13. The composite powder according to claim 12, wherein the coverage with zinc oxide particles is 40–90% with respect to the surface area of said substrate powder.
14. The composite powder according to claim 12, wherein said zinc oxide particles are long needle-shape.
15. A cosmetic comprising a composite powder according to any of claims 1–14.
16. A method of producing composite powder adhering barium sulfate particles, wherein seed particles are allowed to coexist in a slurry solution of the flaky substrate powder, and barium sulfate crystals are grown from said seed particles, which act as nuclei, by adding a barium ion solution and a sulfate ion solution to said solution and reacting them, and the formed barium sulfate particles are allowed to adhere to the surface of said substrate powder.
17. A method of producing composite powder adhering zinc oxide particles, wherein seed particles are allowed to coexist in a slurry solution of the flaky substrate powder, zinc oxide crystals are grown from said seed particles, which act as nuclei, by adding a zinc ion solution and an alkali aqueous solution to said solution and reacting them, and the formed zinc oxide particles are allowed to adhere to the surface of said substrate powder.
18. The method of producing composite powder according to claim 16 or claim 17, wherein the amount of the added seed particles is 0.1–15 weight % with respect to that of the substrate powder.
19. The method of producing composite powder according to claim 16 or claim 17, wherein the reaction is conducted under the conditions that the pH of the slurry solution is always adjusted in a range of 7–9.
20. The method of producing composite powder adhering barium sulfate particles according to claim 16, wherein one or more complexing agent is allowed to coexist in the slurry solution.
21. The method of producing composite powder containing adhering barium sulfate particles according to claim 20, wherein the amount of added complexing agent is 0.4–10.0 equivalents with respect to that of the barium ion.